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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/521,765 | 01/19/2005 | Masahiro Ishikawa | 2005-0023A | 2676 |

513 7590 05/22/2007
WENDEROTH, LIND & PONACK, L.L.P.
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SUITE 800
WASHINGTON, DC 20006-1021

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| EXAMINER |
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TSAY, MARSHA M

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| ART UNIT | PAPER NUMBER |
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1656

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| MAIL DATE | DELIVERY MODE |
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05/22/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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|------------------------------|-------------------------------|---------------------------------|--|
| Office Action Summary | Application No. 10/521,765 | Applicant(s) ISHIKAWA ET AL. | |
| | Examiner Marsha M. Tsay | Art Unit 1656 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 April 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-6,8 and 10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 10 is/are rejected.
- 7) ☒ Claim(s) 4-6 and 8 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 1656

Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

This is a supplemental Office action to note that the finality of the previous Office action is withdrawn. There are no new objections and/or rejections made in this action.

The shortened statutory period for reply is set to expire 3 months from the mailing date of this communication. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.

Claims 3, 7, 9 are canceled. Claims 1-2, 4-6, 8, 10 are pending and currently under examination.

Applicants' arguments have been fully considered and are deemed to be persuasive to overcome some of the rejections previously applied. Rejections and/or objections not reiterated from previous office actions are hereby withdrawn.

Priority: The priority date is July 19, 2002.

Objections and Rejections

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an

Art Unit: 1656

international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 4-6, 8 are rejected under 35 U.S.C. 102(e) as being anticipated by Bringe (US 6566134). Bringe teaches a method for preparing a soy protein composition comprising a β -conglycinin content greater than 40% (col. 38 lines 1-35). Bringe teaches Cntrl SPI-acid-hb, 90 C, Com'l SPI A (S760), and Com'l SPI E (P974) are β -conglycinin protein isolates having a solubility of less than 70% (col. 26 table 4; claims 4, 6). In Example 11, Bringe teaches making cheese using the β -conglycinin proteins noted above (col. 34-35; claims 5, 8). Despite the process used to obtain the β -conglycinin protein of claims 4, 5, 6, 8, the claims are still drawn to a β -conglycinin protein having a solubility of less than 70% and a β -conglycinin of 40% or more. Bringe teaches a β -conglycinin protein isolate comprising a β -conglycinin content greater than 40% and a solubility of less than 70%. Since the β -conglycinin protein of Bringe has the same properties as the instant product, it is believed to be the same as the instant β -conglycinin protein regardless of the method used to obtain the product.

Applicants have currently amended claim 1 to include the limitation of heating the solution or paste of the β -conglycinin protein under acidic conditions of pH 3.5 to 6.0. However, as noted above, the instant claims 4-6, 8, are drawn to a product of β -conglycinin protein, despite the method used to obtain the β -conglycinin protein. Since the β -conglycinin protein of Bringe meets the properties of the instant β -conglycinin as recited in the claims, the Bringe reference anticipates the instant product.

Art Unit: 1656

Claims 1-2, 10 are allowable.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marsha M. Tsay whose telephone number is 571-272-2938. The examiner can normally be reached on M-F, 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Kathleen Kerr Bragdon can be reached on 571-272-0931. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

May 17, 2007

M. Monshipouri
MARYAM MONSHIPOURI, PH.D.
PRIMARY EXAMINER